

530274

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
22 April 2004 (22.04.2004)

PCT

(10) International Publication Number  
**WO 2004/033666 A2**

- (51) International Patent Classification<sup>7</sup>: C12N (74) Agents: CORIN, Shari, J. et al.; Needle & Rosenberg, P.C., Suite 1000, 999 Peachtree Street, Atlanta, GA 30309-3915 (US).
- (21) International Application Number: PCT/US2003/032520 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 14 October 2003 (14.10.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/418,189 11 October 2002 (11.10.2002) US (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (*for all designated States except US*): BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West Seventh Street, Austin, TX 78701 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): LEE, Wen-Hwa [US/US]; 28 Via Diamante, Newport Coast, CA 92657 (US). CHEN, Phang-Lang [—/US]; 9542 Bare Back Trail, San Antonio, TX 78229 (US). CHEN, Yumay [—/US]; 9542 Bare Back Trail, San Antonio, TX 78229 (US).
- Published:  
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: METHOD AND COMPOUNDS FOR INHIBITING HEC1 ACTIVITY FOR THE TREATMENT OF PROLIFERATIVE DISEASES

(57) Abstract: The present invention provides methods and compounds for inhibiting HEC1 activity for the treatment of diseases involving cell hyperproliferation, e.g. cancer. The present invention also provides methods of identifying compounds for inhibiting HEC1 activity.

BEST AVAILABLE COPY



WO 2004/033666 A2